




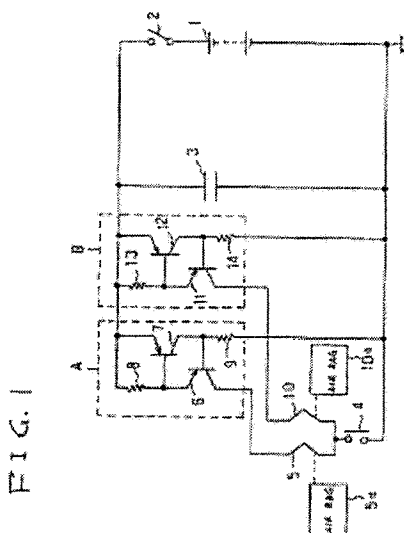


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Air bags are located at different positions within a vehicle. Squibs serve to fire and activate the air bags respectively. An acceleration detecting device is provided in common to the squibs for detecting an acceleration of the vehicle upon a collision of the vehicle and executing a switching operation in response to the detected vehicle acceleration. Constant-current circuits supplied with an electric power from a vehicle battery feed constant electric currents for a firing operation to the squibs respectively in response to the switching operation of the acceleration detecting device. An energy storage device serves to feed a backup electric power to the constant-current circuits when the supply of the electric power from the vehicle battery is cut off.; Each of the constant-current circuits includes a first transistor for feeding an electric current to the related squib, a first resistor for detecting a level of the electric current fed to the squib, a second transistor conducting an electric current with a level which depends on the electric current level detected by the first resistor, and a second resistor for generating a voltage which depends on the electric current conducted by the second transistor and for controlling the first transistor in response to the generated voltage.



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